



Attorney Docket No. 8194-453IP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Bengtsson et al.

Confirmation No.: 8910

Serial No.: 09/746,823

Group Art Unit: 2631

Filed: December 22, 2000

Examiner: Tran, Khanh C.

For: IQ MODULATION SYSTEMS AND METHODS THAT USE SEPARATE PHASE AND AMPLITUDE SIGNAL PATHS AND PERFORM MODULATION WITHIN A PHASE LOCKED LOOP

April 22, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED

APR 30 2004

Technology Center 2600

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §1.97(c)**

Sir:

Attached is a list of documents on form PTO-1449 together with a copy of each identified document. This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(c), before final Office Action or Allowance, whichever is earlier.

In accordance with the requirements of 37 C.F.R. § 1.97(c)(2), a check for the \$180.00 fee specified in 37 C.F.R. § 1.17(p) is enclosed. This amount is believed to be correct. However, the Commissioner is authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

04/27/2004 JADD01 00000039 09746823

01 FC:1806

180.00 0P

D. Randal Ayers
Registration No. 40,493
Attorney for Applicants

Customer Number 20792

Myers Bigel Sibley & Sajovec, P.A.
P.O. Box 37428
Raleigh, NC 27627
919-854-1400
919-854-1401 (Fax)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 22, 2004.

Michele P. McMahan